Item # _____

C.S.I. Section 11420

VH3616E

ELECTRIC HEATED CONVECTION STEAMER ON CABINET BASE

ANSI/NSF Standard #4

SPECIFICATIONS:

Electric heated convection steamer, Vulcan-Hart Model No. VH3616E. Two stainless steel cooking compartments with coved interior corners. Each compartment accepts sixteen 1" deep, eight 2½" deep or four 4" deep 12" x 20" pans. 1¼" drain in each compartment. Heavy duty stainless steel "slammable" doors can be opened and closed at anytime during the cooking cycle. Steam shuts off when door(s) are opened. Steamer mounted on 28" high base cabinet with stainless steel frame, front full height doors, slip-off stainless steel sides and aluminized rear panel with 6" adjustable legs with flanged feet for anchoring. 42/48 KW steam boiler builds 4/4.6 BHP. Includes CSD-1 compliant high pressure limit switch (15 psi), low water cut-off, automatic water fill, automatic boiler blowdown, 15 psi pressure relief valve and 15 psi kettle connection. Service connections include: ½" water connection for boiler feed and ½" cold water condenser and 1¼" drain connection.

Exterior dimensions:
36"w x 35 7/16"d x 66"h.

UL listed. UL classified to Canadian safety standards. Classified by U L to NSF Std. #4. Meets ASME code.

☐ **VH3616E** 36" wide base

STANDARD FEATURES

- Two stainless steel cooking compartments with coved interior corners. Each compartment accepts sixteen 1" deep, eight 2½" deep or four 4" deep 12" x 20" pans.
- 1¼" drain in each compartment.
- Heavy duty stainless steel "slammable" doors can be opened and closed at anytime during the cooking cycle. Steam shuts off when door(s) are opened.
- Steamer mounted on 28" high base cabinet with stainless steel frame, front full height doors, slip-off stainless steel sides and aluminized rear panel with 6" adjustable legs with flanged feet for anchoring.
- 42/48 KW electric steam boiler builds 4/4.6 BHP. Includes CSD-1 compliant high pressure limit switch (15 psi), low water cut-off, automatic water fill, automatic boiler blowdown, 15 psi pressure relief valve and 15 psi kettle connection.
- Service connections include ½" cold water connection for boiler feed and ½" cold water condenser and 1¼" drain connection.
- One year limited parts and labor warranty.

OPTIONS

☐ Correction facility package:
  a. Cabinet door with hasp (lock by others).
  b. Security type tamper resistant fasteners.
  c. Control cover (lock by others).

☐ Second year extended limited parts and labor warranty.

ACCESSORIES

☐ Water treatment system.

☐ Stainless steel back panels.

☐ Removable 12 x 20 sliding shelf (Qty.____).

MODEL: VH3616E Electric Heated Convection Steamer on Cabinet Base

A2780 ISO9001 Vulcan-Hart Co.

VH3616E

ELECTRIC HEATED CONVECTION STEAMER ON CABINET BASE

SERVICE CONNECTIONS:

ELECTRICAL CONNECTION: Junction box for electrical connection for boiler heat and controls.

DRAIN: Condenser box, compartment and boiler, 1½" NPT. (Provide an open air type drain within 12" of condenser box and for best results at a distance so that steam vapors will not enter the steamer from underneath the control area. Do not connect solidly to any drain connections.)

COLD WATER CONNECTION: ½" NPT for boiler feed. Inlet water pressure between 20 and 80 psi.

COLD WATER CONNECTION: ½" NPT for condensate box. Inlet water pressure between 20 and 80 psi.

WATER: For swing faucet, (single) (dual) temperature ¼" IPS tailpiece.

STEAM TAKE-OFF CONNECTION: ¾" NPT.

Total Conn. KW	NOMINAL AMPS PER LINE					
	Three Phase				Single Phase	
	208	240	480	380/50/60, 4 wire	208	240
42	118	N/A	N/A	N/A	N/A	N/A
48	N/A	116	58	62	N/A	N/A

PAN CAPACITIES (Per compartment)

1" deep	2½" deep	4" deep
16	8	6

NOTE:

- Dimensions which locate the above connections have a tolerance of + or -3" (+ or -75 mm).
- Installation of backflow preventers, vacuum breakers and other specific code requirements is the responsibility of the owner and installer. It is the responsibility of the owner and installer to comply with local codes.
- Plastic drains are not recommended due to inherent limited temperatures of the plastic. Boiler purge temperatures may exceed 180°F. The installer may be required to provide means to reduce boiler purge water temperature to be that of the condensate temperature of 140°F or less.
- This appliance is manufactured for commercial installation only and is not intended for home use.

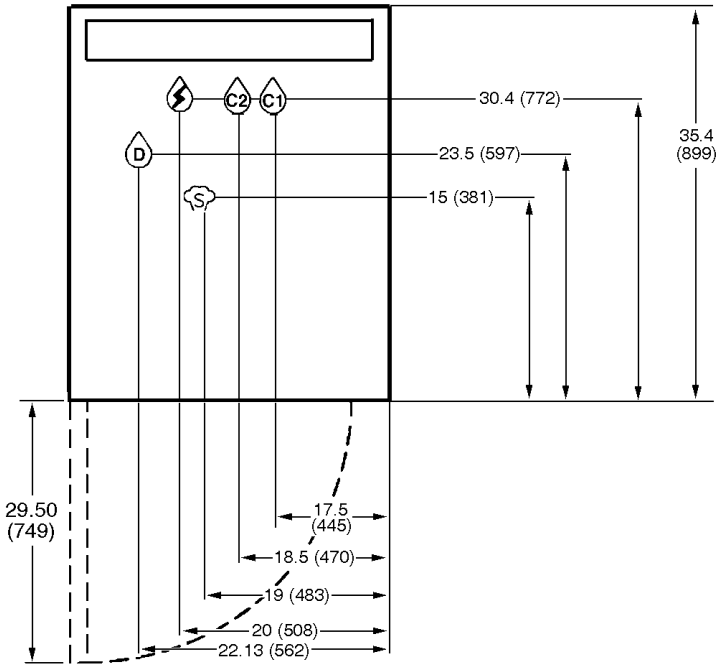
WATER QUALITY STATEMENT:

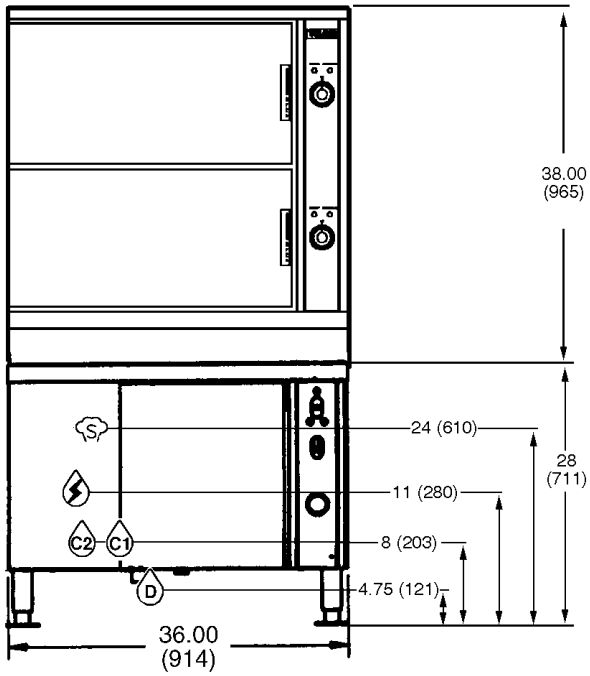
The fact that a water supply is potable is no guarantee that it is suitable for steam generation. Your water supply must be within these general guidelines:

SUPPLY PRESSURE	20 - 60 psig
HARDNESS*	less than 3 grains
SILICA	less than 13 ppm
TOTAL CHLORIDE	less than 4.0 ppm
pH RANGE	7-8
UN-DISSOLVED SOLIDS	less than 5 microns

* 17.1 ppm = 1 grain of hardness

Other factors affecting steam generation are iron content, amount of chloridation and dissolved gases. Water supplies vary from state to state and from locations within a state. Therefore it is necessary that the local water treatment specialist be consulted before the installation of any steam generating equipment.





NOTE: In line with its policy to continually improve its products, Vulcan-Hart Company reserves the right to change materials and specifications without notice.

VULCAN-HART COMPANY, P.O. BOX 696, LOUISVILLE, KY 40201, TEL. 1-800-814-2028
502-778-2791 QUOTE & ORDER FAX: 1-800-444-0602

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